

FORM PTO-1390  
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

R-341894

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/830902

INTERNATIONAL APPLICATION NO.  
PCT/FR00/02433INTERNATIONAL FILING DATE  
4 September 2000PRIORITY DATE CLAIMED  
3 September 1999

TITLE OF INVENTION

CLONING, EXPRESSION AND CHARACTERIZATION OF THE SPG4 GENE RESPONSIBLE FOR THE  
MOST COMMON FORM OF AUTOSOMAL DOMINANT SPASTIC PARAPLEGIA

APPLICANT(S) FOR DO/EO/US

Jean Weissenbach, Jamile Hazan

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☒ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

See Attachment A.

09/08/2000 14:00

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21. ☒ The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO..... \$1000.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... **\$860.00**

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....	\$710.00
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International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....	\$690.00
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International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... **\$100.00**

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

**CALCULATIONS PTO USE ONLY**

Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). ☐ 20 ☒ 30

**\$ 860.00**

**\$ 130.00**

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	<b>40</b> - 20 =	<b>20</b>	x <b>\$18.00</b>
Independent claims	<b>28</b> - 3 =	<b>25</b>	x <b>\$80.00</b>
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ <b>\$270.00</b>

\$

\$	360.00
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	\$ 2,000.00
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**TOTAL OF ABOVE CALCULATIONS =**

**\$ 3,350.00**

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

e

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**SUBTOTAL =**

**\$ 3,350.00**

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

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**TOTAL NATIONAL FEE =**

	\$ 3,350.00
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Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **\$40.00** per property +

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1. *Journal of the American Medical Association*, 2000; 284: 2689-2695.

**TOTAL FEES ENCLOSED =**

**\$ 3,350.00**

Amount to be

Refunded: \_\_\_\_\_

**charged:**

- a. ☒ A check in the amount of \$ 3,350.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-2100. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Joseph Krieger  
Mason, Kolehmainen, Rathburn & Wyss  
853 Sanders Road, #330  
Northbrook, Illinois 60062

ing status.

Joseph Kwag  
SIGNATURE

Joseph Krieger  
NAME

**25,595**  
REGISTRATION NUMBER

**Attachment A**

FORM PTO-1390 (REV. 11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>R-341894</b>	
<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>09/830902</b>	
INTERNATIONAL APPLICATION NO. <b>PCT/FR00/02433</b>		INTERNATIONAL FILING DATE <b>4 September 2000</b>		PRIORITY DATE CLAIMED <b>3 September 1999</b>	
TITLE OF INVENTION		CLONING, EXPRESSION AND CHARACTERIZATION OF THE SPG4 GENE RESPONSIBLE FOR THE MOST COMMON FORM OF AUTOSOMAL DOMINANT SPASTIC PARAPLEGIA			
APPLICANT(S) FOR DO/EO/US		<b>Jean Weissenbach, Jamile Hazan</b>			

Item 20 - Other Items or Information:

- (a) Certificate Of Mailing By Express Mail For National Phase  
Application Of International Application No. PCT/FR00/02433
- (b) Seven (7) Drawing sheets
- (c) Identification of Inventors
- (d) Application Data Sheet
- (e) Copies of
  - (i) PCT Request (Form PCT/RO/101)
  - (ii) PCT Notification of Receipt of Record Copy (Form PCT/IB/301)
  - (iii) PCT Notification Concerning Submission or Transmittal of  
Priority Document (Form PCT/IB/304)
  - (iv) PCT Notice Informing Applicant of the Communication of the  
International Application to the Designated Offices (Form  
PCT/IB/308)

09830902-40401

09/830902

JC08 Rec'd PCT/PTO 02 MAY 2001

**CERTIFICATE OF MAILING BY EXPRESS MAIL  
FOR NATIONAL PHASE APPLICATION OF  
INTERNATIONAL APPLICATION NO. PCT/FR00/02433**

"Express Mail" Mailing Label No. **EL713287403US.**

I hereby certify that the Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 and the documents referred to therein and the fee referred to therein are being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231



Signature

**05/02/2001**

Date of Deposit

**Joseph Krieger**

Typed/printed name of person signing

09/830902 02 MAY 2001

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jean Weissenbach, Jamilé Hazan

Application: CLONING, EXPRESSION AND CHARACTERIZATION OF THE  
SPG4 GENE RESPONSIBLE FOR THE MOST COMMON FORM OF  
AUTOSOMAL DOMINANT SPASTIC PARAPLEGIA

Serial No.: Herewith

Art Unit:

Filing Date: Herewith

Examiner:

Case: R-341894

PCT Application Information:

PCT Serial No: **PCT/FR00/02433**

Priority Filing Date: September 3, 1999

PCT Filing Date: September 4, 2000

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**IDENTIFICATION OF INVENTORS**

**Jean Weissenbach** (a citizen of France)

163 rue de Vaugirard  
75015 Paris  
FRANCE

**Jamilé Hazan**

22 rue des Cordelières  
75015 Paris  
FRANCE

09/830902

JCO8 Rec'd PCT/PTO

02 MAY 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. :

U.S. National Serial No. :

Filed :

PCT International Application No. : PCT/FR00/02433

VERIFICATION OF A TRANSLATION

I, the below named translator, hereby declare that:

My name and post office address are as stated below;

That I am knowledgeable in the French language in which the below identified international application was filed, and that, to the best of my knowledge and belief, the English translation of the international application No. PCT/FR00/02433 is a true and complete translation of the above identified international application as filed.

I hereby declare that all the statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent application issued thereon.

Date: 20 April 2001



Full name of the translator :

Elaine Patricia PARRISH

For and on behalf of RWS Group plc

Post Office Address :

Europa House, Marsham Way,  
Gerrards Cross, Buckinghamshire,  
England.

09/830902-101001